

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : JAPAN STORAGE BATTERY CO
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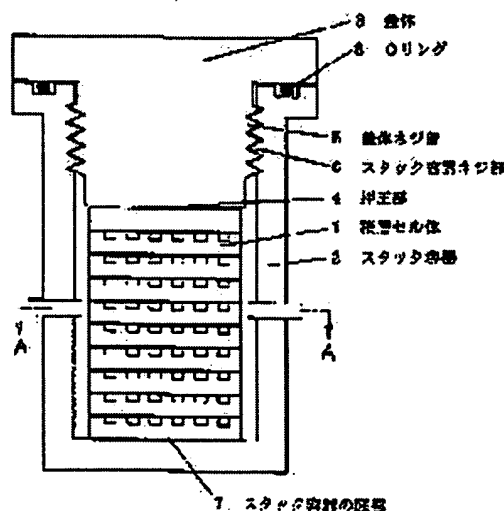
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(54) FUEL CELL

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the number of components required for applying surface pressure so as to simplify an assembling process by containing a stacked cell body in a stack vessel equipped with a screw portion, and tightening a lid body equipped with pressing portion and a screw portion.

SOLUTION: A stacked cell body 1 formed by stacking plural unit cells is contained in a stack vessel 2, a lid body 3 having a pressing portion 4 on a bottom portion and a screw portion 5 on a side face portion is screwed screw-like into the stack vessel 2 having a counter-screw portion 6 against the screw portion 5 of the lid body 3 so that the top face of the stacked cell body 1 is pressed by the pressing portion 4 so as to apply surface pressure to between the unit cells. By adjusting the tightening amount of the lid body 3, the surface pressure applied between the unit cells is adjusted. A seal material is provided between the stack vessel 2 and the lid body 3 so as to shut out fluid passing.



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